

SEQUENCE LISTING

<110> Fu, Rongdian
Brenner, Sydney
Albrecht, Glenn

<120> Method for Determining Relative Abundance
of Nucleic Acid Sequences

<130> 55525-8049.US00

<140> Not Yet Assigned

<141> Filed Herewith

<150> US 60/235,940

<151> 2000-09-27

<160> 24

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary tag library

<221> misc_feature

<222> (1)...(73)

<223> n = A,T,C or G

<400> 1

agaattcggg ccttaattaa ddddddddd ddddddddd ddddddddd ddgggcccgc
ataagtcttc nnn

60
73

<210> 2

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<221> misc_feature

<222> (1)...(18)

<223> n = A,T,C or G

<400> 2

atcactngga tccnnnnn

18

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<400> 3

agaattcggg ccttaattaa

20

<210> 4
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> adaptor

<221> misc_feature
 <222> (1)...(1)
 <223> 5' nucleotide modified to include phosphate group

<400> 4
 atcgagagaa gagcgtgcac aggaa 25

<210> 5
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> adaptor

<400> 5
 ttcctgtgca cgctcttctc tc 22

<210> 6
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<221> misc_feature
 <222> (1)...(1)
 <223> 5' nucleotide modified to include biotin

<400> 6
 ttcctgtgca cgctcttct 19

<210> 7
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> adaptor

<221> misc_feature
 <222> (1)...(1)
 <223> 5' nucleotide modified to include phosphate group

<400> 7
 atcctcagaa gagcgtgcac tccga 25

<210> 8
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> adaptor

<400> 8

tcggagtgca cgctcttctg ag

22

<210> 9

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<221> misc_feature

<222> (1)...(1)

<223> 5' nucleotide modified to include biotin

<400> 9

tcggagtgca cgctcttct

19

<210> 10

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<221> misc_feature

<222> (1)...(1)

<223> 5' nucleotide modified to include biotin

<400> 10

gacatgccty cattgagacg attctttttt ttttttttv

40

<210> 11

<211> 45

<212> DNA

<213> Artificial Sequence

<220>

<223> cDNA primer construct

<221> misc_feature

<222> (1)...(1)

<223> 5' nucleotide modified to include biotin

<221> misc_feature

<222> (1)...(45)

<223> n = A,T,C or G

<400> 11

gacatgctgc attgagacga ttcttttttt ttttttttt tvnnn

45

<210> 12

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> cDNA primer construct

<221> misc_feature

<222> (1)...(37)

<223> n = A,T,C or G

<400> 12

gcattgagac gattcttttt ttttttttt tttvnnn

37

<210> 13
 <211> 36
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> cDNA primer construct

 <221> misc_feature
 <222> (1)...(36)
 <223> n = A,T,C or G

 <400> 13
 nnnbaaaaaa aaaaaaaaaa aagaatcgtc tcannn 36

 <210> 14
 <211> 61
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> cloning vector

 <400> 14
 ttaattaagg addddddddd ddddddddddd dddggggcccg cataagtctt 60
 c 61

 <210> 15
 <211> 28
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> synthetic spacer

 <221> misc_feature
 <222> (28)...(28)
 <223> 3' nucleotide attached to a bead

 <400> 15
 tccttaatta actggtctca ctgtcgca 28

 <210> 16
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> adaptor

 <221> misc_feature
 <222> (1)...(1)
 <223> 5' nucleotide modified to include phosphate group

 <221> misc_feature
 <222> (18)...(18)
 <223> 3' nucleotide modified to include fluorescein dye

 <400> 16
 gatcacgagc tgccagtc 18

 <210> 17
 <211> 14
 <212> DNA

<213> Artificial Sequence

<220>
<223> adaptor

<400> 17
gactggcagc tcgt 14

<210> 18
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include biotin

<400> 18
agtgaattcg ggccttaatt aa 22

<210> 19
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include fluorescein dye

<400> 19
gtacccgcgg ccgcggtcga ctctagagga tc 32

<210> 20
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> probe SID decoder

<400> 20
agaagagcgt gcacaggaa 19

<210> 21
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> probe SID decoder

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include two PEG chains
and a Cy5 dye

<400> 21
ttcctgtgca cgctcttctc tc 22

<210> 22
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> probe SID decoder

<400> 22
 agaagagcgt gcactccga

19

<210> 23
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> probe SID decoder

<221> misc_feature
 <222> (1)...(1)
 <223> 5' nucleotide modified to include two PEG chains
 and a fluorescein dye

<400> 23
 tcggagtgca cgctcttctg ag

22

<210> 24
 <211> 16
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> 3' end of exemplary tag sequence

<221> misc_feature
 <222> (1)...(16)
 <223> n = A,T,C or G

<400> 24
 nnnngatccg agtgat

16

09/23/2010 10:22:01